Terms in Claims	Supporting Language in the Specification
Claim 4. (NEW) An air conditioning or refrigeration system comprising:	Abstract; Fig. 1
a compressor having a refrigeration fluid suction port and a refrigeration fluid discharge port; and	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc.
a valve in fluid communication with the compressor,	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
the valve being operative to cycle with a cycling time shorter than the response time of the system to modulate compressor capacity.	Column 1, lines 32-35; Column 2, lines 41-45
Claim 5. (NEW) The air conditioning or refrigeration system of claim 4 further comprising a capacity controller operative to generate a control signal corresponding to desired capacity modulation	See microprocessor controller 100 in Fig 1; Column 2, line 22-23
and operatively connected to the valve to send capacity control signals to cycle the valve with a cycling time shorter than the response time of the system to modulate compressor capacity.	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
Claim 6. (NEW) The air conditioning or refrigeration system of claim 4 wherein the valve is cycled between a fully open and a fully closed position.	Column 1, lines 25-27
Claim 7. (NEW) The air conditioning or refrigeration system of claim 5 wherein the controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23

Table I

Terms in Claims	Supporting Language in the Specification
Claim 8. (NEW) The air conditioning or refrigeration system of claim 4 wherein the valve is a solenoid valve.	Column 1, lines 25-27
Claim 9. (NEW) An air conditioning or refrigeration system comprising:	Abstract; Fig. 1
a compressor	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc.
having a refrigeration fluid suction port	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
and a refrigeration fluid discharge port,	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
being operative to compress refrigeration fluid received via the suction port and discharged via the discharge port;	Fig. 1; Column 1, line 65 to Column 2, line 25
a refrigerant flow line operative to carry refrigeration fluid and in fluid communication with the compressor;	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3
a capacity controller operative to generate a control signal corresponding to desired capacity modulation; and	See microprocessor controller 100 in Fig 1; Column 2, line 22-23
a valve in the refrigerant flow line which is operatively connected to the controller to receive capacity control signals from the controller and	Abstract; Fig. 1; Column 1, line 26-30; Column 2, lines 26-48
operative in response to capacity control signals received from the controller to cycle with a cycling time shorter than the response time of the system to modulate compressor capacity.	Column 1, lines 32-35; Column 2, lines 41-45

Table I

Terms in Claims	Supporting Language in the Specification
Claim 10. (NEW) The system of claim 9 wherein the valve is cycled between a fully open position and a fully closed position.	Column 1, lines 25-27
Claim 11. (NEW) The system of claim 9 wherein the system capacity controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
Claim 12. (NEW) The system of claim 9 wherein the valve is a solenoid valve.	Column 1, lines 25-27
Claim 13. (NEW) The system of claim 10 wherein the valve in the fully closed position permits a limited fluid flow through the refrigerant flow line.	Column 2, lines 46-48

Table I

Terms in Claims	Supporting Language in the Specification
Claim 14. (NEW) An air conditioning or refrigeration system comprising:	Abstract; Fig. 1
a compressor	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc
having a refrigeration fluid suction port	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
and a refrigeration fluid discharge port,	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
being operative to compress refrigeration fluid received via the suction port and discharged via the discharge port;	Fig. 1; Column 1, line 65 to Column 2, line 25
a refrigerant flow line operative to carry refrigeration fluid and in fluid communication with the compressor;	See Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3
a capacity controller operative to generate a control signal corresponding to desired capacity modulation; and	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
a solenoid valve in the refrigerant flow line	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
which is operatively connected to the controller to receive capacity control signals from the controller and	See connecting lines shown in Fig. 1 between microprocessor controller 100 and the valve, e.g. valve 52, valve 54, and/or valve 56
operative in response to capacity control signals received from the controller to cycle between a fully open position and a fully closed position to modulate compressor capacity.	Column 1, lines 25-27

Table I

Terms in Claims	Supporting Language in the Specification
Claim 15. (NEW) The system of claim 14 wherein the system capacity controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
Claim 16. (NEW) The system of claim 14 wherein the solenoid valve in the fully closed position permits a limited fluid flow through the refrigerant flow line.	Column 2, lines 46-48

Table I

Terms in Claims	Supporting Language in the Specification
Claim 17. (NEW) A capacity modulated compressor for an air conditioning or refrigeration system having a refrigerant flow line, comprising:	Abstract; Fig. 1; Summary
a compressor housing comprising a compression chamber,	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc.
at least one refrigerant injection port operative to pass refrigerant to the compression chamber, and	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
at least one refrigerant discharge port operative to pass compressed refrigerant from the compression chamber;	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
a capacity controller operative to generate a control signal corresponding to desired capacity modulation; and	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
a valve operatively connected to the controller to receive capacity control signals from the controller and	Abstract; Fig. 1; Column 1, lines 26-30; Column 2; lines 22-48
operative in response to capacity control signals received from the controller to cycle with a cycling time shorter than the response time of the system to modulate compressor capacity.	Column 1, lines 32-35; Column 2, lines 41-45

Table I

Terms in Claims	Supporting Language in the Specification
Claim 18. (NEW) The compressor of claim 17 wherein the valve is cycled between a fully closed position and a fully open position.	Column 1, lines 25-27
Claim 19. (NEW) The compressor of claim 17 wherein the valve is disposed in a refrigerant flow line upstream with respect to refrigerant flow to said at least one refrigerant injection port.	Fig. 1; Column 2, lines 6-25
Claim 20. (NEW) The compressor of claim 17 wherein the valve is mounted to the compressor housing at the refrigerant injection port.	See Abstract; Fig. 1, Column 1, lines 27-30
Claim 21. (NEW) The compressor of claim 17 wherein the system capacity controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23

Table I

Terms in Claims	Supporting Language in the Specification
Claim 22. (NEW) The compressor of claim 17 wherein the valve is a solenoid valve.	Column 1, lines 25-27
Claim 23. (NEW) The compressor of claim 18 wherein the valve in the fully closed position permits a limited fluid flow through the refrigerant flow line.	Column 2, lines 46-48

Table I

Terms in Claims	Supporting Language in the Specification
Claim 24. (NEW) A capacity modulated compressor for an air conditioning or refrigeration system having a refrigerant flow line, comprising:	Abstract; Fig. 1; Summary
a compressor housing comprising a compression chamber,	Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc.
at least one refrigerant injection port operative to pass refrigerant to the compression chamber, and	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
at least one refrigerant discharge port operative to pass compressed refrigerant from the compression chamber;	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
a capacity controller operative to generate a control signal corresponding to desired capacity modulation; and	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
a solenoid valve operatively connected to the controller to receive capacity control signals from the controller and	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
operative in response to capacity control signals received from the controller to cycle between a fully open position and a fully closed position to modulate compressor capacity.	Column 1, lines 25-27

Table I

Terms in Claims	Supporting Language in the Specification
Claim 25. (NEW) The compressor of claim 24 wherein the solenoid valve is disposed in a refrigerant flow line upstream with respect to refrigerant flow to said at least one refrigerant injection port.	Abstract; Fig. 1; Summary
Claim 26. (NEW) The compressor of claim 24 wherein the solenoid valve is mounted to the compressor housing at the refrigerant injection port.	Abstract; Fig. 1; Summary
Claim 27. (NEW) The compressor of claim 24 wherein the system capacity controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
Claim 28. (NEW) The compressor of claim 24 wherein the solenoid valve in the fully closed position permits a limited fluid flow through the refrigerant flow line.	Column 2, lines 46-48

Table I

Terms in Claims	Supporting Language in the Specification
Claim 29. (NEW) A capacity modulated compressor comprising:	Abstract; Fig. 1, Summary
a compressor having a suction inlet for supplying suction gas to the compressor;	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, lines 1-5; Column 2, line 27; Column 2, line 64, etc.
a valve provided in the suction gas flow path to the compressor,	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
the valve being operable between open and closed positions to cyclically allow and prevent flow of suction gas into the compressor;	See Column 1, lines 33-35; Column 2, lines 44-45
a controller for actuating the valve between the open and closed positions,	See microprocessor controller 100 in Fig. 1; Column 2, lines 22-23
the controller being operative to cycle the valve such that its cycle time is shorter than the response time of the system to modulate compressor capacity.	Column 1, lines 32-35; Column 2, lines 41-45
Claim 30. (NEW) The capacity modulated compressor of claim 29 wherein the valve is positioned in close proximity to the compressor.	Abstract; Summary; Fig. 1

Table I

Terms in Claims	Supporting Language in the Specification
Claim 31. (NEW) The capacity modulated compressor of claim 29 wherein the valve is a bidirectional valve.	Column 1, lines 25-27
Claim 32. (NEW) The capacity modulated compressor of claim 29 wherein the valve is a solenoid valve.	Column 1, lines 25-27

Table I

Terms in Claims	Supporting Language in the Specification
Claim 33. (NEW) A method of modulating the capacity of a compressor in an air conditioning or refrigeration system, comprising	Column 1, lines 32-33; Column 2, lines 41-45
cycling a valve, in fluid communication with the compressor, using a cycle time shorter than the response time of the system to modulate compressor capacity.	Fig. 1; Column 1, lines 32-35; Column 2, lines 41-45
Claim 34. (NEW) The method of claim 33 wherein the valve is a solenoid valve.	Column 1, lines 25-27
Claim 35. (NEW) A method of modulating the capacity of a compressor in a closed refrigerant circulating system, said compressor comprising a compression chamber having a port connected to a refrigerant line of the system through which refrigerant is supplied to the compression chamber, comprising:	Column 1, lines 32-33; Column 2, lines 41-45; Fig. 1
rapidly cycling a solenoid valve disposed in the refrigerant line upstream of said port between its fully open position and its fully closed position to modulate compressor capacity.	Fig. 1; Column 1, lines 25-27

Table II

Terms in Claims	Supporting Language in the Specification
Claim 36. (NEW) The method of claim 35 wherein rapidly cycling said solenoid valve comprises cycling the solenoid valve with a cycling time shorter than the response time of the system to modulate compressor capacity.	Fig. 1; Column 1, lines 25-27; Column 2, lines 38-45
Claim 37. (NEW) The method of claim 35 wherein said cycling controls the percentage of time said solenoid valve is fully open to refrigerant flow therethrough to the compression chamber.	Column 1, lines 32-35; Column 2, lines 41-45
Claim 38. (NEW) The method of claim 35 wherein said cycling is controlled by a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23

Table II

Terms in Claims	Supporting Language in the Specification
Claim 4. (NEW) An air conditioning or refrigeration system comprising:	Abstract; Fig. 1
a compressor having a refrigeration fluid suction port and a refrigeration fluid discharge port; and	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc.
a valve in fluid communication with the compressor,	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
the valve being operative to cycle with a cycling time shorter than the response time of the system to modulate compressor capacity.	Column 1, lines 32-35; Column 2, lines 41-45
Claim 5. (NEW) The air conditioning or refrigeration system of claim 4 further comprising a capacity controller operative to generate a control signal corresponding to desired capacity modulation	See microprocessor controller 100 in Fig 1; Column 2, line 22-23
and operatively connected to the valve to send capacity control signals to cycle the valve with a cycling time shorter than the response time of the system to modulate compressor capacity.	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
Claim 6. (NEW) The air conditioning or refrigeration system of claim 4 wherein the valve is cycled between a fully open and a fully closed position.	Column 1, lines 25-27
Claim 7. (NEW) The air conditioning or refrigeration system of claim 5 wherein the controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23

Table I

Terms in Claims	Supporting Language in the Specification
Claim 8. (NEW) The air conditioning or refrigeration system of claim 4 wherein the valve is a solenoid valve.	Column 1, lines 25-27
Claim 9. (NEW) An air conditioning or refrigeration system comprising:	Abstract; Fig. 1
a compressor	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc.
having a refrigeration fluid suction port	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
and a refrigeration fluid discharge port,	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
being operative to compress refrigeration fluid received via the suction port and discharged via the discharge port;	Fig. 1; Column 1, line 65 to Column 2, line 25
a refrigerant flow line operative to carry refrigeration fluid and in fluid communication with the compressor;	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3
a capacity controller operative to generate a control signal corresponding to desired capacity modulation; and	See microprocessor controller 100 in Fig 1; Column 2, line 22-23
a valve in the refrigerant flow line which is operatively connected to the controller to receive capacity control signals from the controller and	Abstract; Fig. 1; Column 1, line 26-30; Column 2, lines 26-48
operative in response to capacity control signals received from the controller to cycle with a cycling time shorter than the response time of the system to modulate compressor capacity.	Column 1, lines 32-35; Column 2, lines 41-45

Table I

Terms in Claims	Supporting Language in the Specification
Claim 10. (NEW) The system of claim 9 wherein the valve is cycled between a fully open position and a fully closed position.	Column 1, lines 25-27
Claim 11. (NEW) The system of claim 9 wherein the system capacity controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
Claim 12. (NEW) The system of claim 9 wherein the valve is a solenoid valve.	Column 1, lines 25-27
Claim 13. (NEW) The system of claim 10 wherein the valve in the fully closed position permits a limited fluid flow through the refrigerant flow line.	Column 2, lines 46-48

Table I

Terms in Claims	Supporting Language in the Specification
Claim 14. (NEW) An air conditioning or refrigeration system comprising:	Abstract; Fig. 1
a compressor	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc
having a refrigeration fluid suction port	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
and a refrigeration fluid discharge port,	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
being operative to compress refrigeration fluid received via the suction port and discharged via the discharge port;	Fig. 1; Column 1, line 65 to Column 2, line 25
a refrigerant flow line operative to carry refrigeration fluid and in fluid communication with the compressor;	See Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3
a capacity controller operative to generate a control signal corresponding to desired capacity modulation; and	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
a solenoid valve in the refrigerant flow line	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
which is operatively connected to the controller to receive capacity control signals from the controller and	See connecting lines shown in Fig. 1 between microprocessor controller 100 and the valve, e.g. valve 52, valve 54, and/or valve 56
operative in response to capacity control signals received from the controller to cycle between a fully open position and a fully closed position to modulate compressor capacity.	Column 1, lines 25-27

Table I

Terms in Claims	Supporting Language in the Specification
Claim 15. (NEW) The system of claim 14 wherein the system capacity controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
Claim 16. (NEW) The system of claim 14 wherein the solenoid valve in the fully closed position permits a limited fluid flow through the refrigerant flow line.	Column 2, lines 46-48

Table I

Terms in Claims	Supporting Language in the Specification
Claim 17. (NEW) A capacity modulated compressor for an air conditioning or refrigeration system having a refrigerant flow line, comprising:	Abstract; Fig. 1; Summary
a compressor housing comprising a compression chamber,	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc.
at least one refrigerant injection port operative to pass refrigerant to the compression chamber, and	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
at least one refrigerant discharge port operative to pass compressed refrigerant from the compression chamber;	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
a capacity controller operative to generate a control signal corresponding to desired capacity modulation; and	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
a valve operatively connected to the controller to receive capacity control signals from the controller and	Abstract; Fig. 1; Column 1, lines 26-30; Column 2; lines 22-48
operative in response to capacity control signals received from the controller to cycle with a cycling time shorter than the response time of the system to modulate compressor capacity.	Column 1, lines 32-35; Column 2, lines 41-45

Table I

Terms in Claims	Supporting Language in the Specification
Claim 18. (NEW) The compressor of claim 17 wherein the valve is cycled between a fully closed position and a fully open position.	Column 1, lines 25-27
Claim 19. (NEW) The compressor of claim 17 wherein the valve is disposed in a refrigerant flow line upstream with respect to refrigerant flow to said at least one refrigerant injection port.	Fig. 1; Column 2, lines 6-25
Claim 20. (NEW) The compressor of claim 17 wherein the valve is mounted to the compressor housing at the refrigerant injection port.	See Abstract; Fig. 1, Column 1, lines 27-30
Claim 21. (NEW) The compressor of claim 17 wherein the system capacity controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23

Table I

Terms in Claims	Supporting Language in the Specification
Claim 22. (NEW) The compressor of claim 17 wherein the valve is a solenoid valve.	Column 1, lines 25-27
Claim 23. (NEW) The compressor of claim 18 wherein the valve in the fully closed position permits a limited fluid flow through the refrigerant flow line.	Column 2, lines 46-48

Table I

Terms in Claims	Supporting Language in the Specification
Claim 24. (NEW) A capacity modulated compressor for an air conditioning or refrigeration system having a refrigerant flow line, comprising:	Abstract; Fig. 1; Summary
a compressor housing comprising a compression chamber,	Fig. 1; Column 1, line 66; Column 2, line 5; Column 2, line 27; Column 2, line 64, etc.
at least one refrigerant injection port operative to pass refrigerant to the compression chamber, and	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
at least one refrigerant discharge port operative to pass compressed refrigerant from the compression chamber;	Abstract; Fig 1; Column 1, lines 26-30; Column 2, lines 1-3; Column 2, line 59 to Column 3, line 9
a capacity controller operative to generate a control signal corresponding to desired capacity modulation; and	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
a solenoid valve operatively connected to the controller to receive capacity control signals from the controller and	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
operative in response to capacity control signals received from the controller to cycle between a fully open position and a fully closed position to modulate compressor capacity.	Column 1, lines 25-27

Table I

Terms in Claims	Supporting Language in the Specification
Claim 25. (NEW) The compressor of claim 24 wherein the solenoid valve is disposed in a refrigerant flow line upstream with respect to refrigerant flow to said at least one refrigerant injection port.	Abstract; Fig. 1; Summary
Claim 26. (NEW) The compressor of claim 24 wherein the solenoid valve is mounted to the compressor housing at the refrigerant injection port.	Abstract; Fig. 1; Summary
Claim 27. (NEW) The compressor of claim 24 wherein the system capacity controller comprises a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23
Claim 28. (NEW) The compressor of claim 24 wherein the solenoid valve in the fully closed position permits a limited fluid flow through the refrigerant flow line.	Column 2, lines 46-48

Table I

Terms in Claims	Supporting Language in the Specification
Claim 29. (NEW) A capacity modulated compressor comprising:	Abstract; Fig. 1, Summary
a compressor having a suction inlet for supplying suction gas to the compressor;	See compressor 12 in Fig. 1; Column 1, line 66; Column 2, lines 1-5; Column 2, line 27; Column 2, line 64, etc.
a valve provided in the suction gas flow path to the compressor,	Abstract; Fig. 1; Column 1, lines 26-30; Column 2, lines 26-48
the valve being operable between open and closed positions to cyclically allow and prevent flow of suction gas into the compressor;	See Column 1, lines 33-35; Column 2, lines 44-45
a controller for actuating the valve between the open and closed positions,	See microprocessor controller 100 in Fig. 1; Column 2, lines 22-23
the controller being operative to cycle the valve such that its cycle time is shorter than the response time of the system to modulate compressor capacity.	Column 1, lines 32-35; Column 2, lines 41-45
Claim 30. (NEW) The capacity modulated compressor of claim 29 wherein the valve is positioned in close proximity to the compressor.	Abstract; Summary; Fig. 1

Table I

Terms in Claims	Supporting Language in the Specification
Claim 31. (NEW) The capacity modulated compressor of claim 29 wherein the valve is a bidirectional valve.	Column 1, lines 25-27
Claim 32. (NEW) The capacity modulated compressor of claim 29 wherein the valve is a solenoid valve.	Column 1, lines 25-27

Table I

Terms in Claims	Supporting Language in the Specification
Claim 33. (NEW) A method of modulating the capacity of a compressor in an air conditioning or refrigeration system, comprising	Column 1, lines 32-33; Column 2, lines 41-45
cycling a valve, in fluid communication with the compressor, using a cycle time shorter than the response time of the system to modulate compressor capacity.	Fig. 1; Column 1, lines 32-35; Column 2, lines 41-45
Claim 34. (NEW) The method of claim 33 wherein the valve is a solenoid valve.	Column 1, lines 25-27
Claim 35. (NEW) A method of modulating the capacity of a compressor in a closed refrigerant circulating system, said compressor comprising a compression chamber having a port connected to a refrigerant line of the system through which refrigerant is supplied to the compression chamber, comprising:	Column 1, lines 32-33; Column 2, lines 41-45; Fig. 1
rapidly cycling a solenoid valve disposed in the refrigerant line upstream of said port between its fully open position and its fully closed position to modulate compressor capacity.	Fig. 1; Column 1, lines 25-27

Table II

Terms in Claims	Supporting Language in the Specification
Claim 36. (NEW) The method of claim 35 wherein rapidly cycling said solenoid valve comprises cycling the solenoid valve with a cycling time shorter than the response time of the system to modulate compressor capacity.	Fig. 1; Column 1, lines 25-27; Column 2, lines 38-45
Claim 37. (NEW) The method of claim 35 wherein said cycling controls the percentage of time said solenoid valve is fully open to refrigerant flow therethrough to the compression chamber.	Column 1, lines 32-35; Column 2, lines 41-45
Claim 38. (NEW) The method of claim 35 wherein said cycling is controlled by a microprocessor.	See microprocessor controller 100 in Fig 1; Column 2, lines 22-23

Table II